

FIGURE 1A

METHODS

Envelop Expression Vector: pHIVenv

Envelope Expression Vector: pHIVenv

HIV envelope

— A c/d a/b

HIV-1 Expression Vector: pHIVlucΔU3

FIGURE 1B

PhenoSense HIV Entry Cell Assay

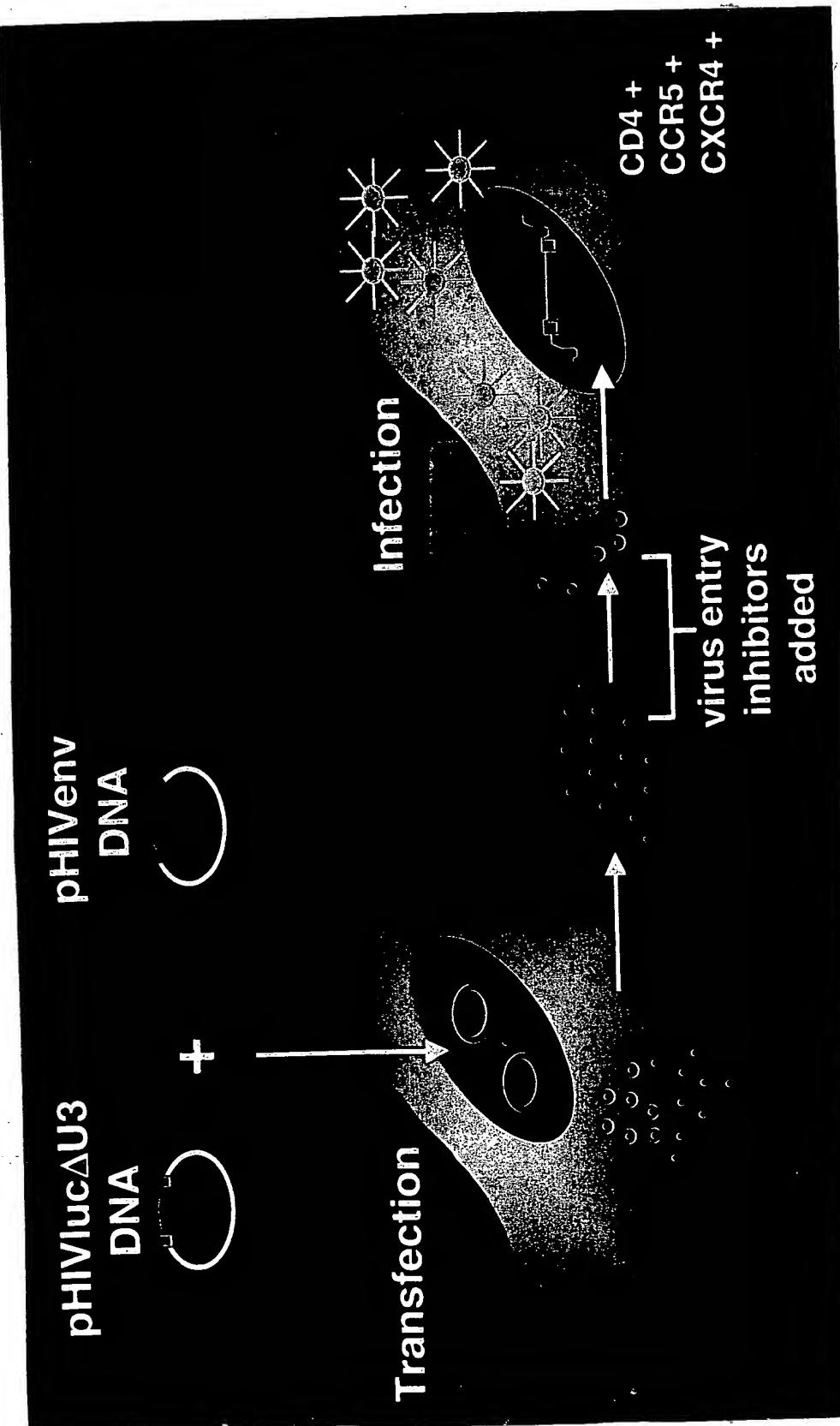


FIGURE 2

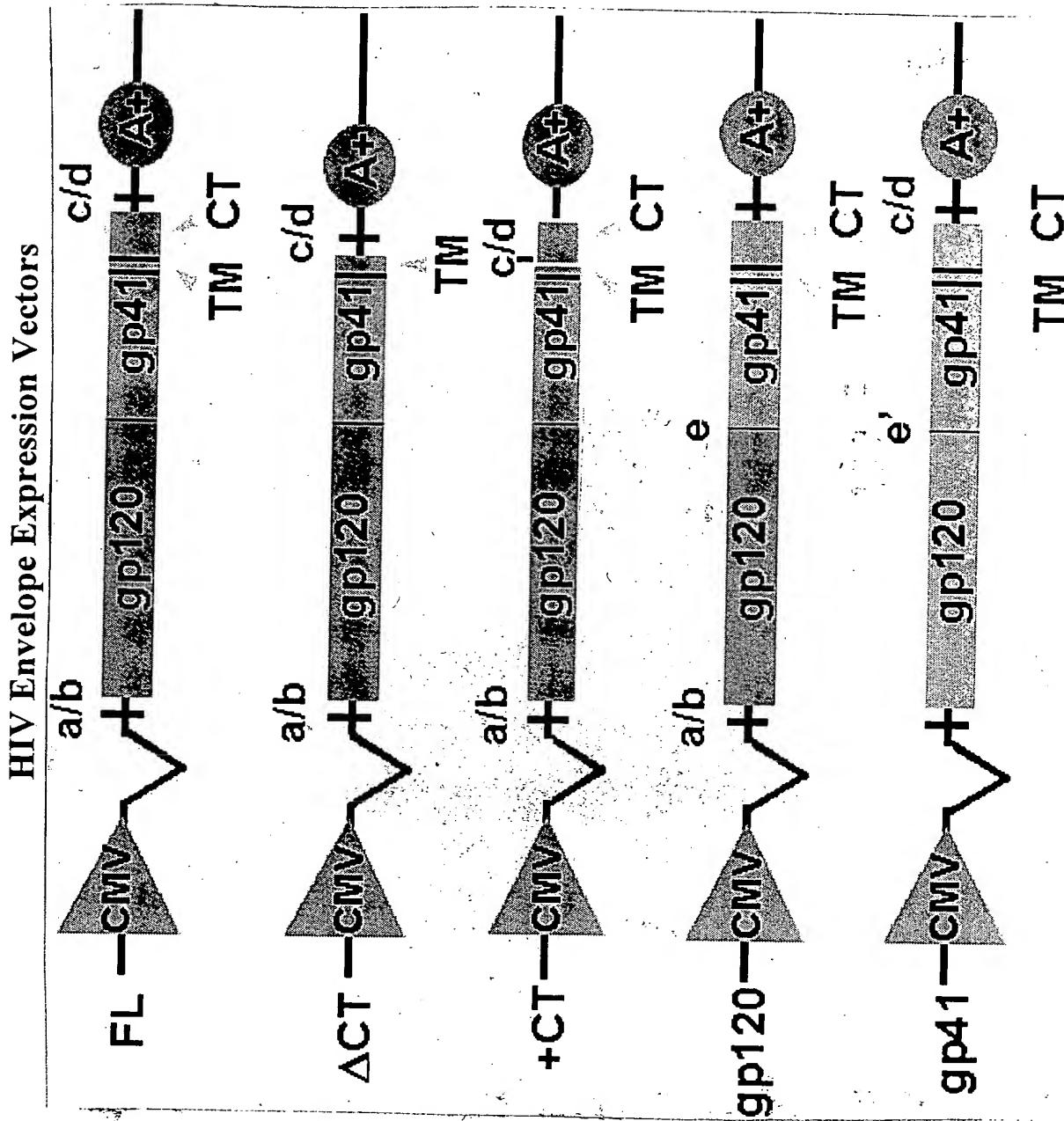
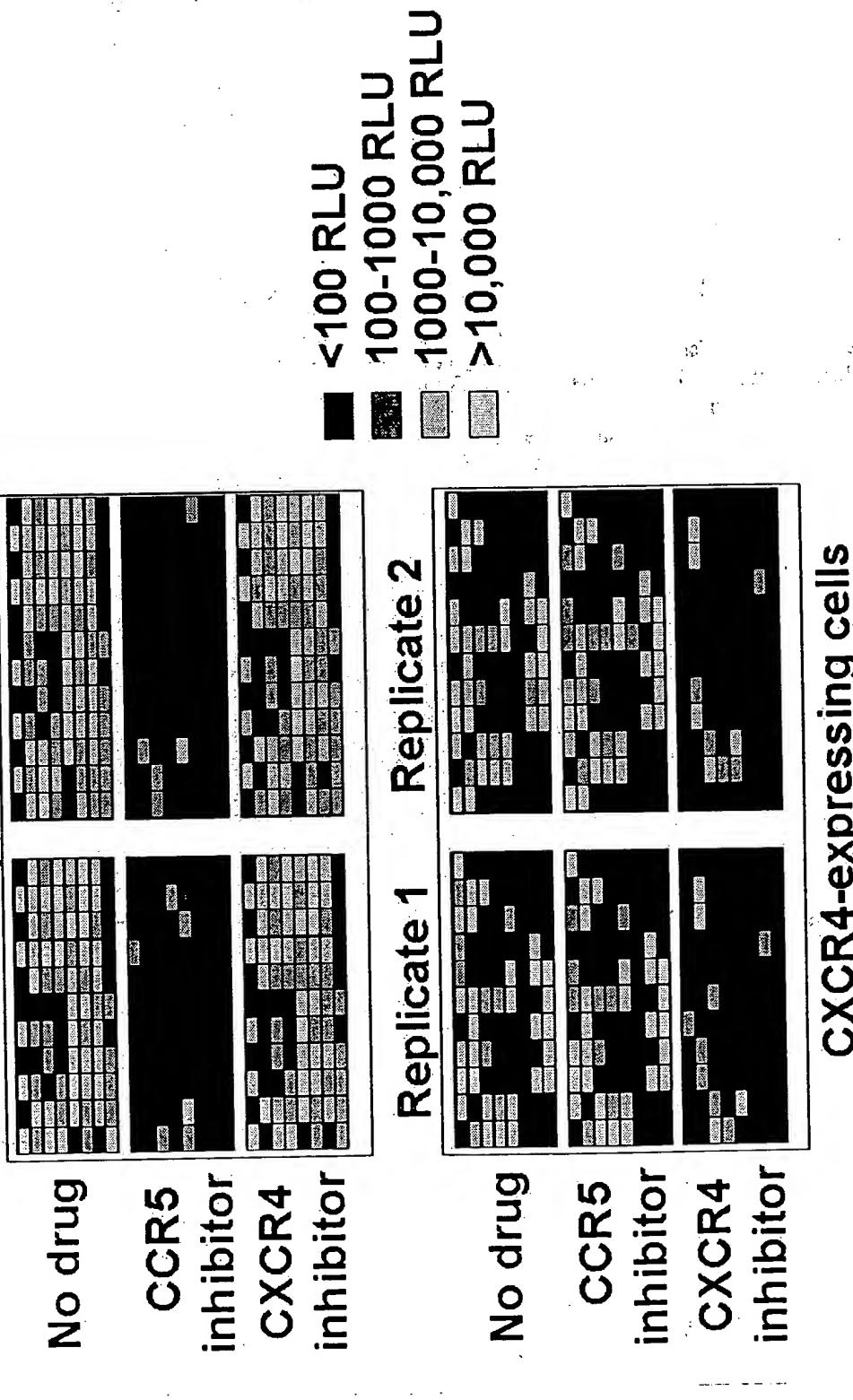


FIGURE 3A

Co-Receptor Tropism Screen

CCR5-expressing cells



CXCR4-expressing cells

FIGURE 3B

Co-Receptor Tropism Assay Interpretation

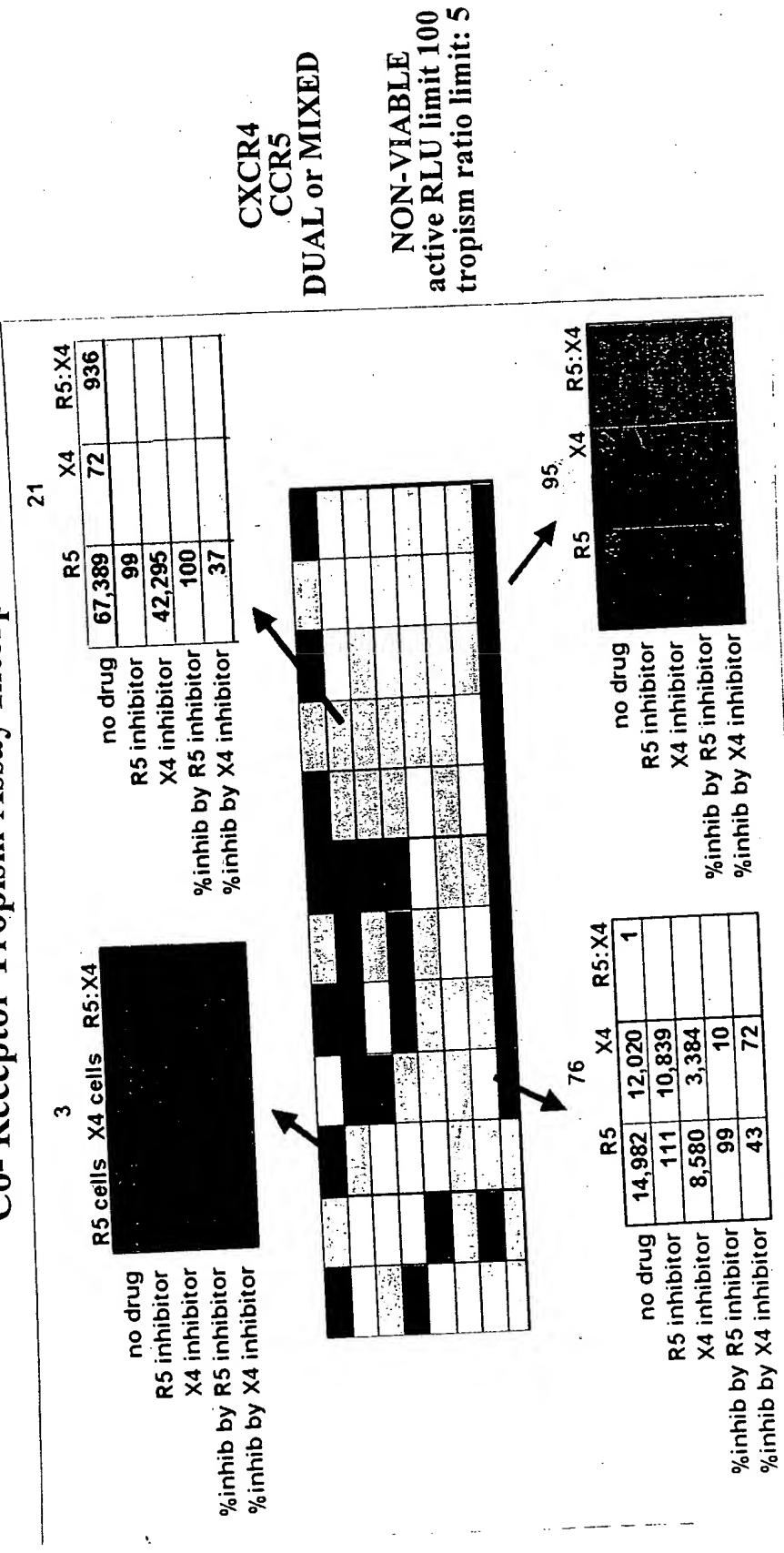


FIGURE 4A Entry Inhibitor Susceptibility: Fusion Inhibitor

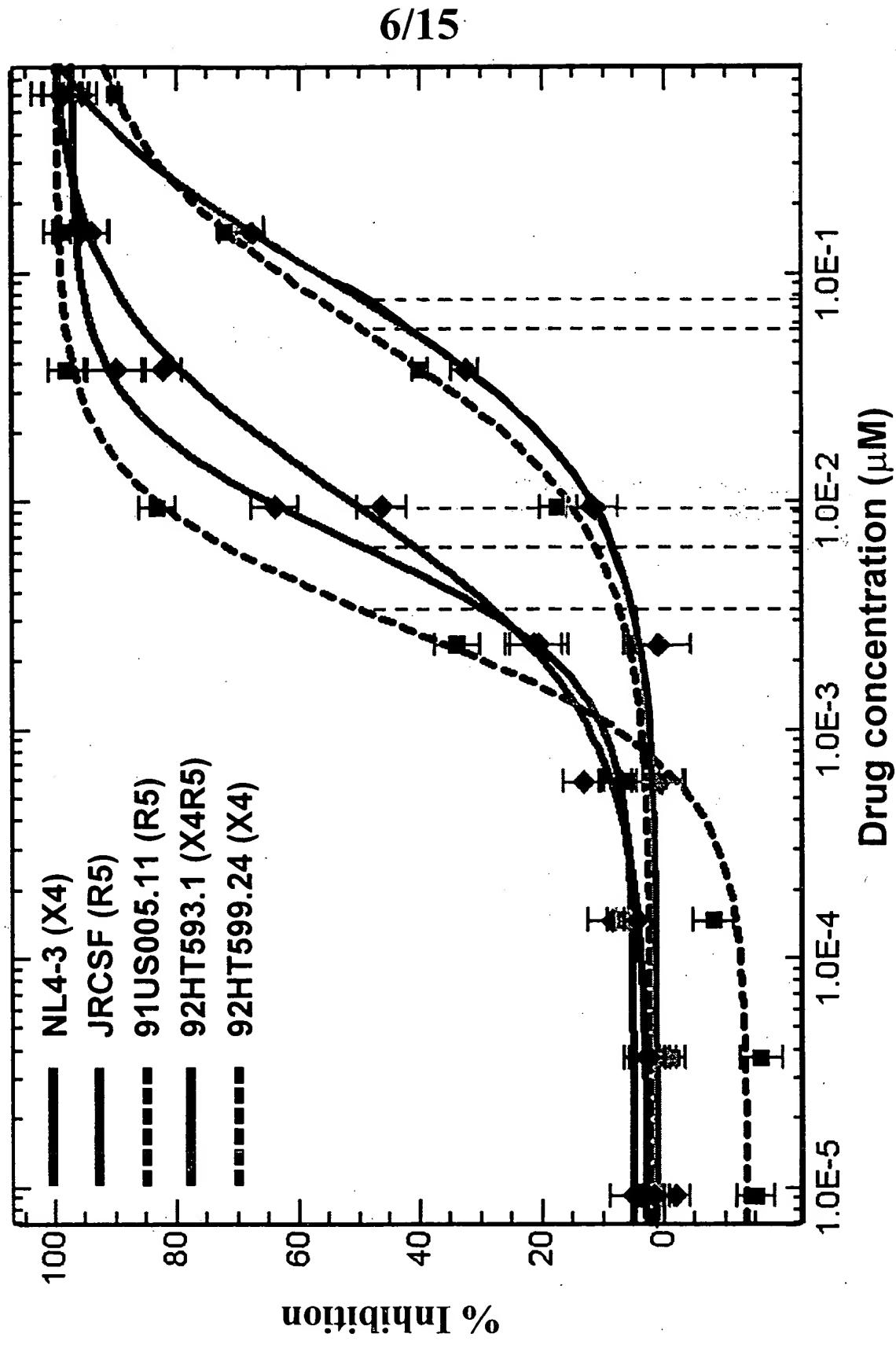
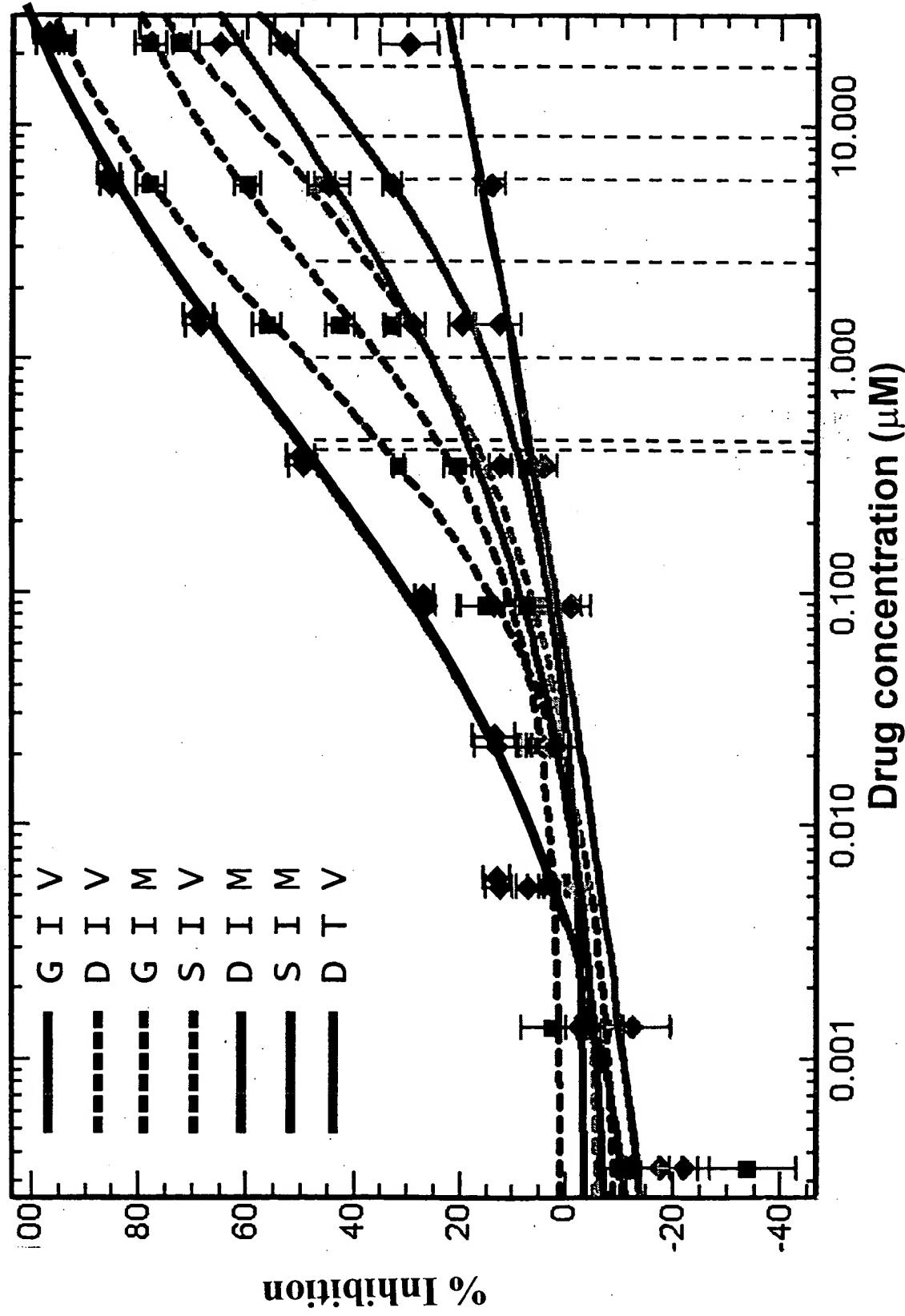


FIGURE 4B

Reduced Susceptibility: Fusion Inhibitor



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FIGURE 5A Entry Inhibitor Susceptibility: CCR5 Inhibitor

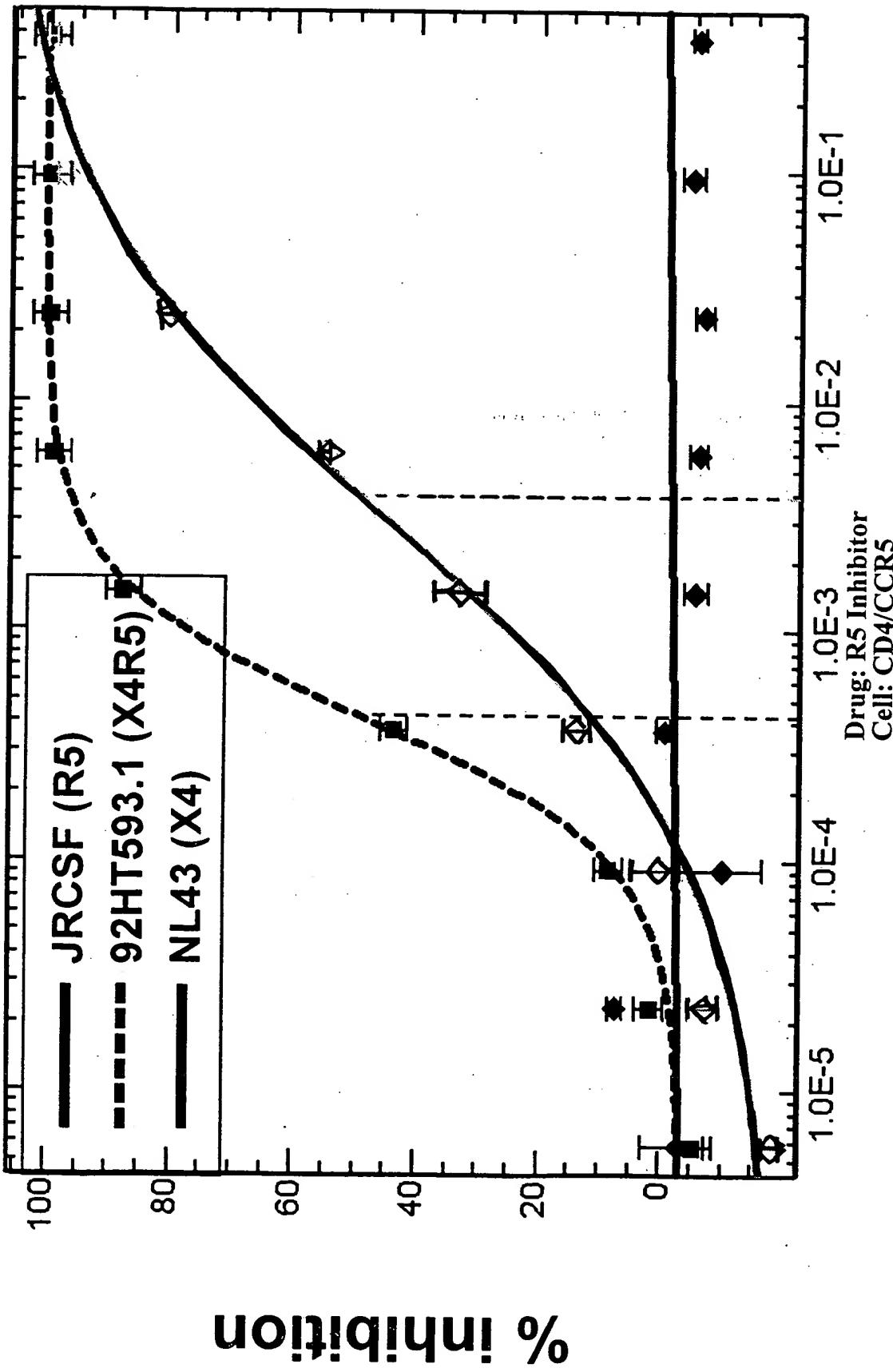


FIGURE 5B

Entry Inhibitor Susceptibility: CXCR4 Inhibitor

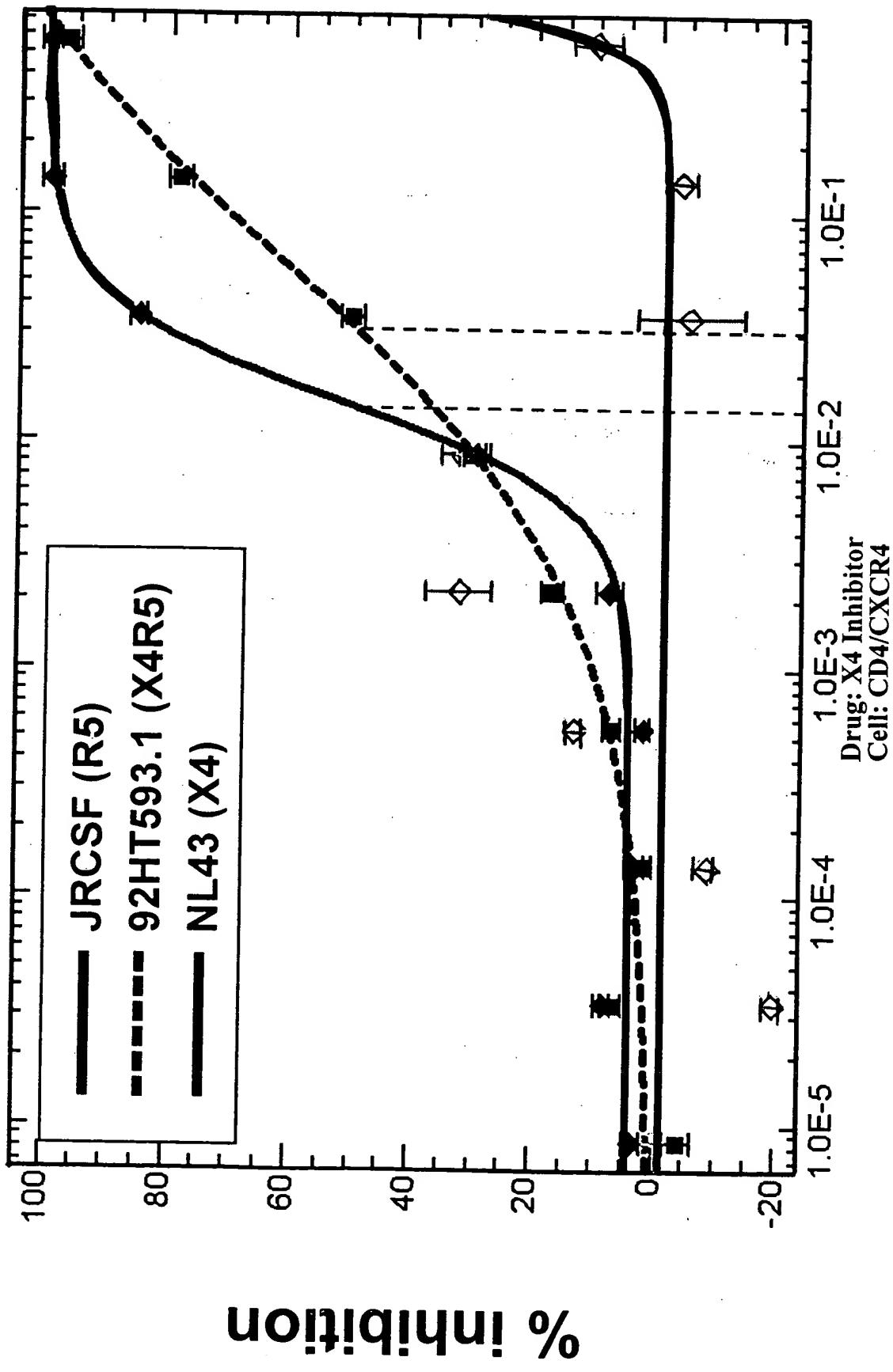
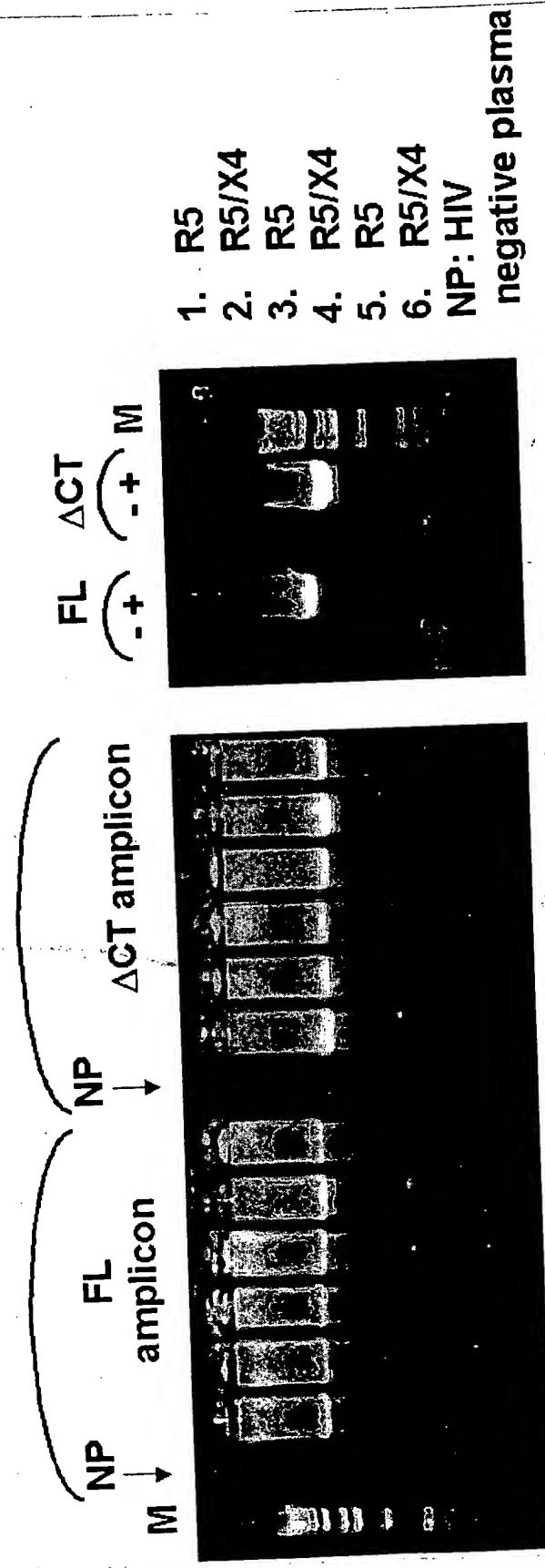


FIGURE 6

Envelope Sequence Amplification

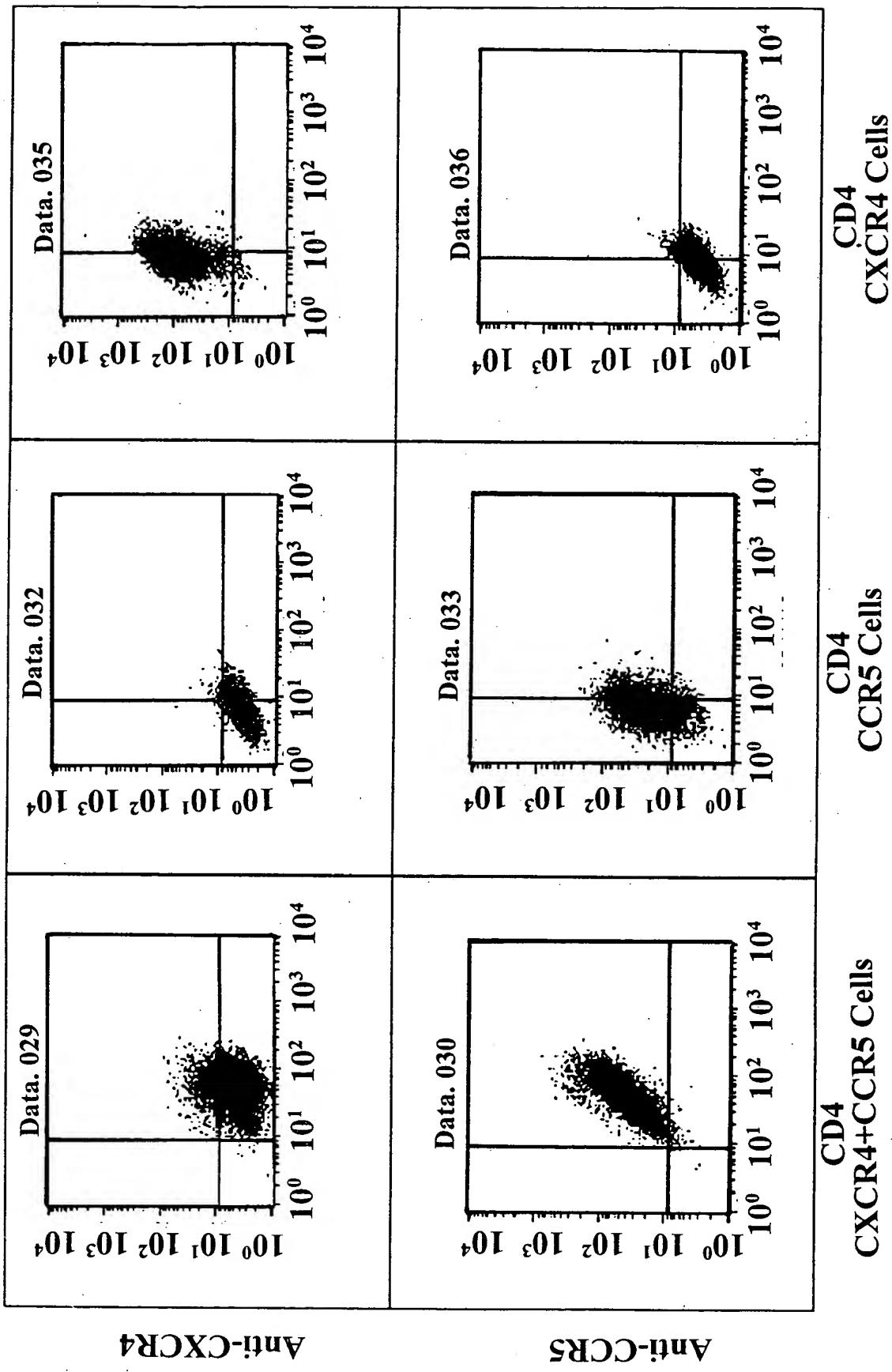


Co-Receiver Tropism	# of isolates	Envelope Subtype	# of isolate
X4	15	Clade A	2
R5	24	Clade B	76
X4/R5	15	Clade C	7
Undefined	35	Clade D	1
		Clade E	3

NP: HIV negative plasma

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FIGURE 7
Target Cell Receptor and Co-Receptor Expression



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FIGURE 8A

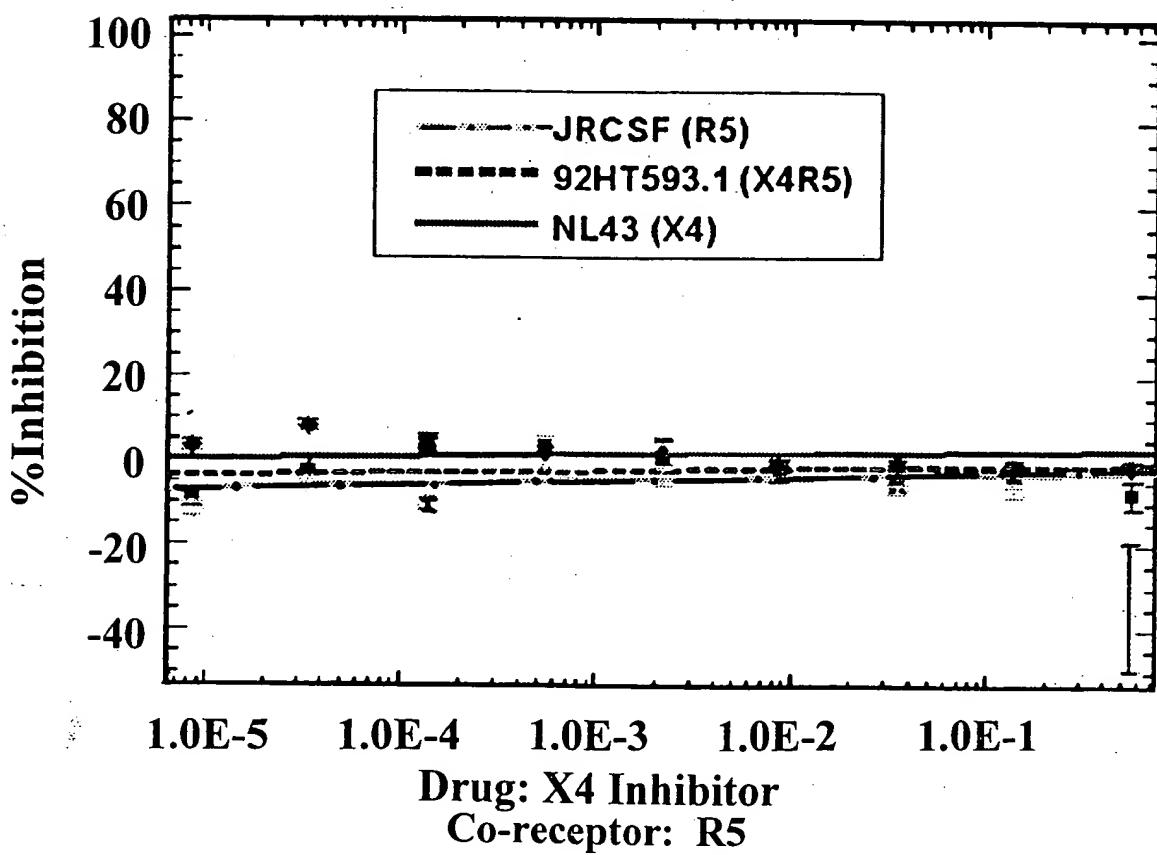
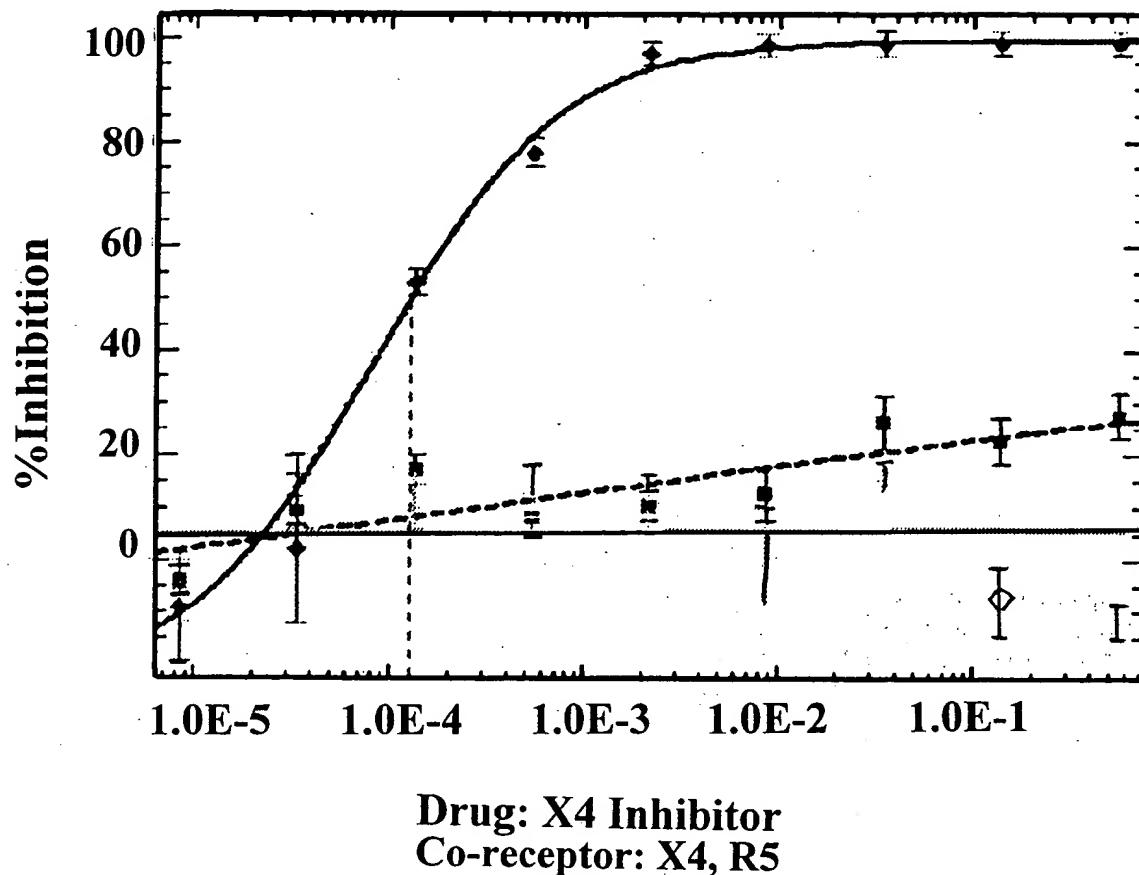
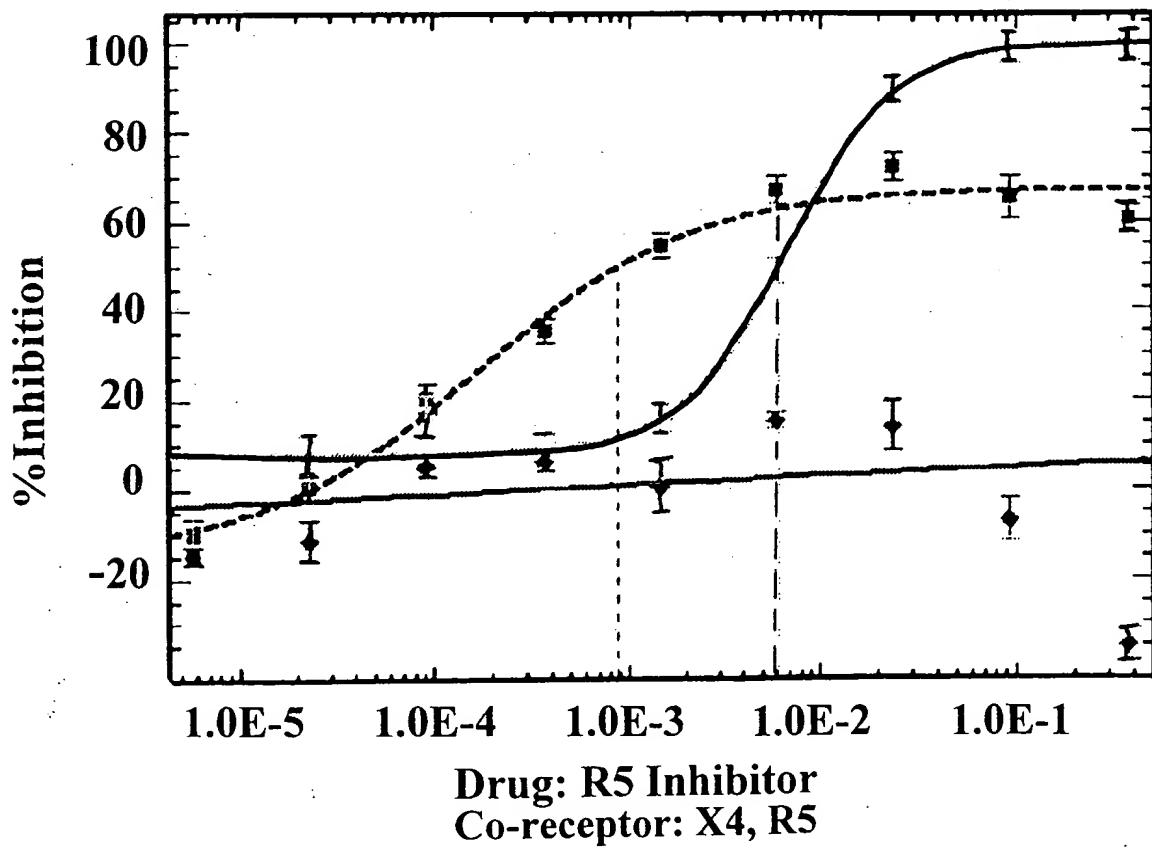
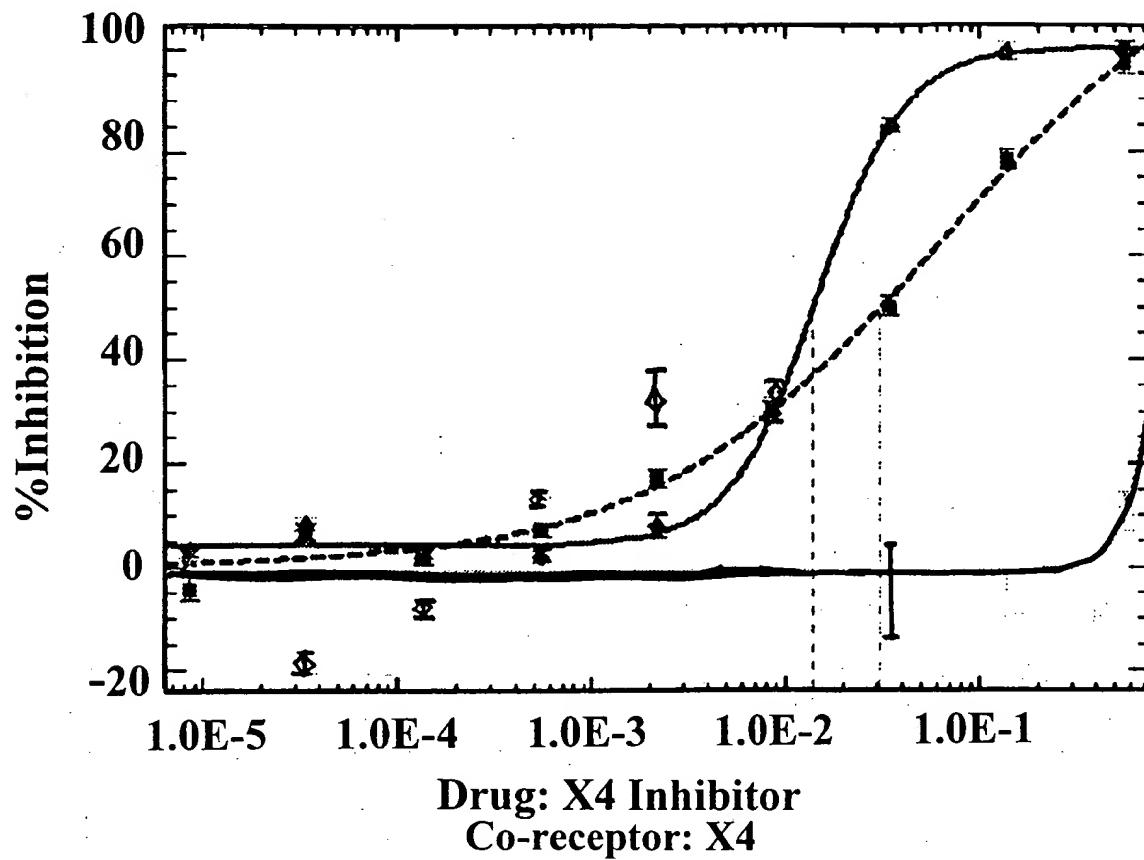


FIGURE 8B

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FIGURE 8C

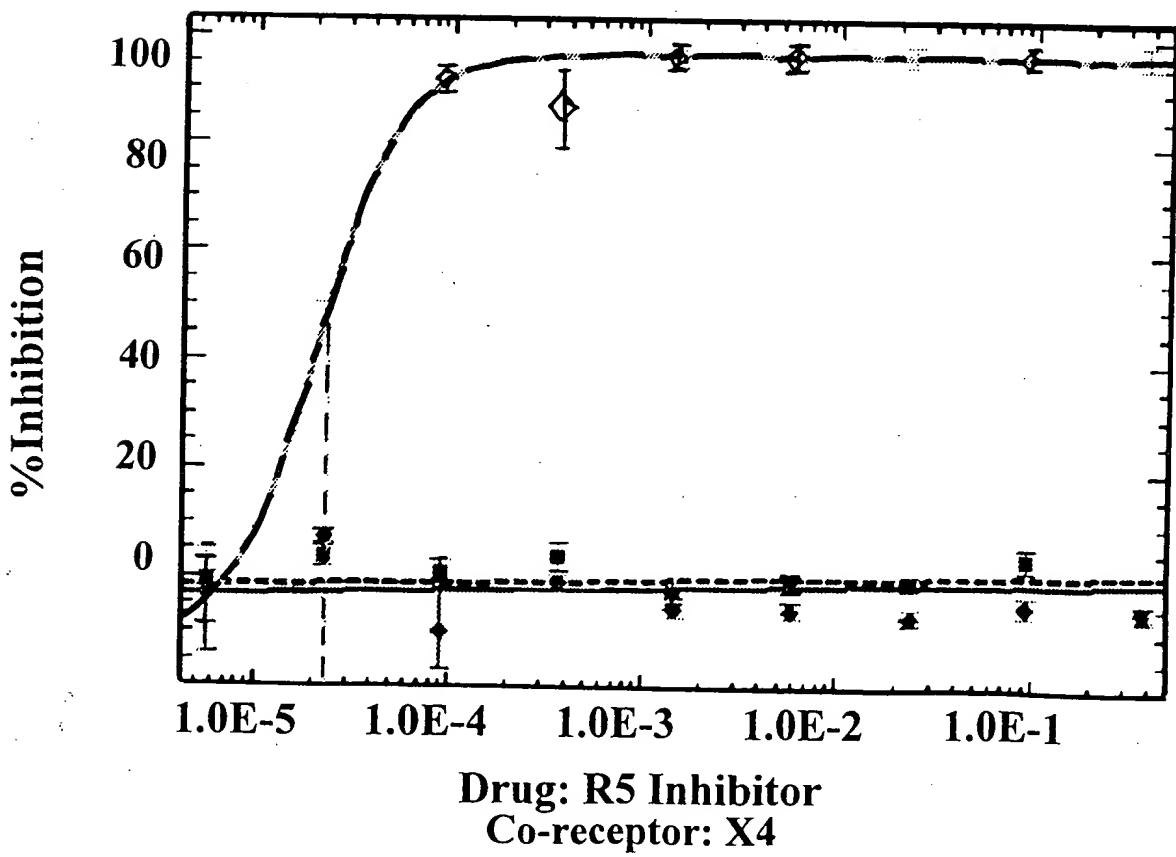
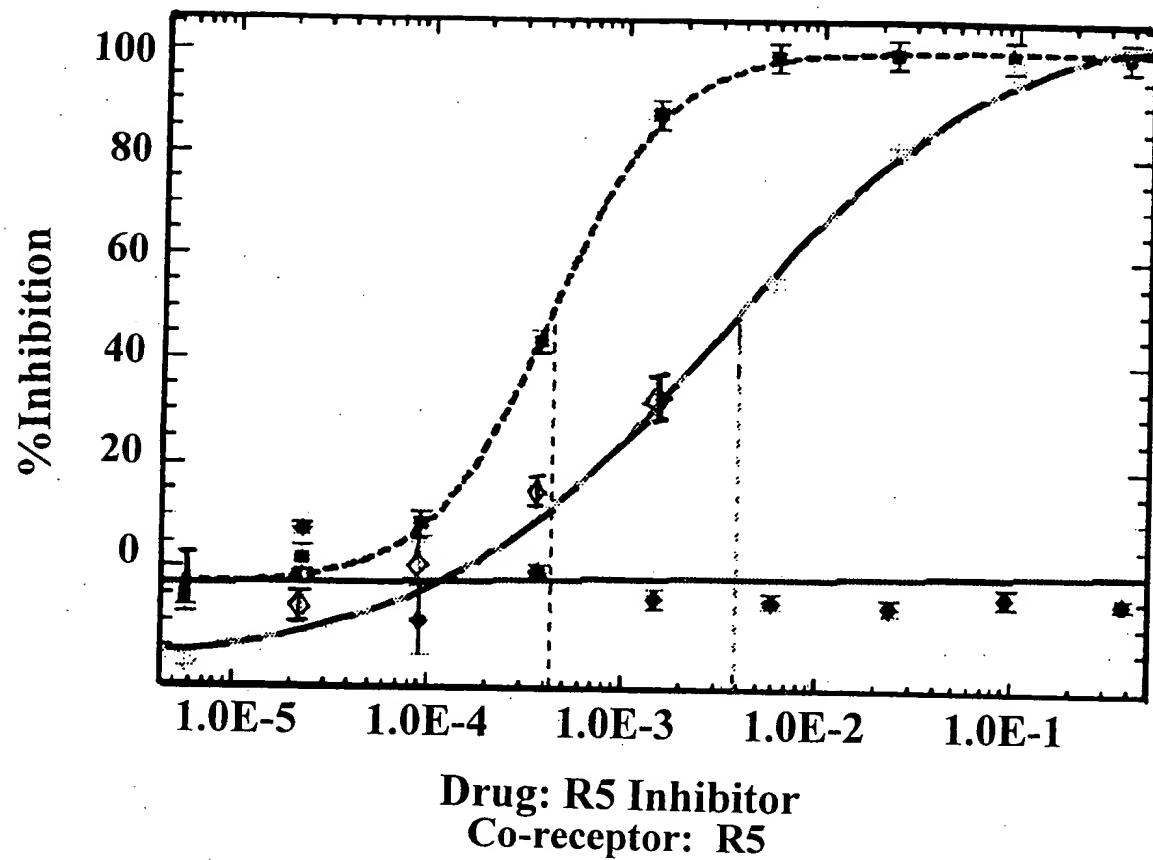


FIGURE 9

Fusion Inhibitor Peptides

